A.D. 1866, 18*th* MAY. N° 1409.

Feeding Bottles.

LETTERS PATENT to Peter Joseph Morand, of the City of Manchester, in the County of Lancaster, Druggists' Sundryman, for the Invention of "IMPROVEMENTS IN INFANTS' FEEDING BOTTLES."

Sealed the 16th November 1866, and dated the 18th May 1866.

PROVISIONAL SPECIFICATION left by the said Peter Joseph Morand at the Office of the Commissioners of Patents, with his Petition, on the 18th May 1866.

I, PETER JOSEPH MORAND, of the City of Manchester, in the County of Lancaster, Druggists' Sundryman, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN INFANTS' FEEDING BOTTLES," to be as follows:—

I make the bottle of a peculiar shape, so that when it is laid on the table or not in use the liquid will not run out or escape. To one end of a flexible tube I fix a flexible capsule to fit any size of bottle, and to the other end I fix a flexible ball or sphere and teat, uniting the ball and teat permanently together.

In the accompanying outline Drawing *a* represents the bottle; *b*, the tube; *c*, the capsule or stopper; *d*, the teat; and *e*, the ball or sphere. This ball or sphere being flexible resembles the human breast in softness, and prevents the child swallowing the teat from the fact of its being fastened to the ball or sphere; or, instead of making the ball and teat of one piece or fastening them

permanently together, the teat and ball may be separate, in which case the teat must have a disc or other substance attached to it inside the ball to prevent its separation therefrom and being swallowed by the infant.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Peter Joseph Morand in the Great Seal Patent Office on the 16th November 1866.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, PETER JOSEPH MORAND, of the City of Manchester, in the County of Lancaster, Druggists' Sundryman, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Eighteenth day of May, in the year of our Lord One thousand eight hundred and sixty-six, in the twenty-ninth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Peter Joseph Morand, Her special license that I, the said Peter Joseph Morand, my executors, administrators, and assigns, or such others as I, the said Peter Joseph Morand, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "IMPROVEMENTS IN INFANTS' FEEDING BOTTLES," upon the condition (amongst others) that I, the said Peter Joseph Morand, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said Peter Joseph Morand, do hereby declare the nature of my said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement (that is to say) :—

I make the bottle of a peculiar shape with a turned up neck, so that when filled with liquid and placed on a table the liquid cannot escape unless drawn out nor the bottle be toppled over. Near one end of a flexible tube I fix a flexible capsule, which is placed on the neck of the bottle, and to the other

end of the tube I connect a flexible ball or sphere and teat united permanently together, or make them of separate pieces and hold them together by flanges or studs. Or instead of the flexible ball I attach or fix to the teat a flexible semi-spherical or other curved surface, the object in all cases being to obtain a curved flexible or yielding surface resembling the human breast in softness, and at the same time to prevent the possibility of the teat being swallowed.

These improvements will be clearly understood by referring to the figures and letters on the accompanying Sheet of Drawings, in which Fig. 1 is an outside view of one of my improved feeding bottles complete; Fig. 2 a section of the flexible ball or sphere attached to the teat, and Fig. 3 a section of a semicircular curved surface instead of the ball or sphere.

In Fig. 1 *a* represents the bottle; *b*, the flexible tube; and *c*, the capsule or cover. To the flexible tube the teat *d*, Figs. 1, 2, and 3, is attached by the stud *e* or in any other desired manner, and over the end of the tube and stud is placed the flexible ball *f*, Figs. 1 and 2, or the semicircular curved surface *g*, Fig. 3, the ball or surface being either permanently cemented to the teat or held to it by the flange *h*.

Having now described the nature and particulars of the said Invention and the manner in which the same is to be performed, I desire it to be understood that I claim the application to the teats of infants' feeding bottles of flexible or yielding curved surfaces, whether of a spherical, semi-spherical, or other curved shape, or of whatever material, as all such improvements are herein described and illustrated in the accompanying Sheet of Drawings.

In witness whereof, I, the said Peter Joseph Morand, have hereunto set my hand and seal, this Thirteenth day of November, in the year of our Lord One thousand eight hundred and sixty-six.

PETER JOSEPH MORAND. (L.S.)

Signed, sealed, and delivered by the
within-named Peter Joseph Morand
in the presence of
G. SEPTIMUS HUGHES,
Patent Agent,
Manchester.

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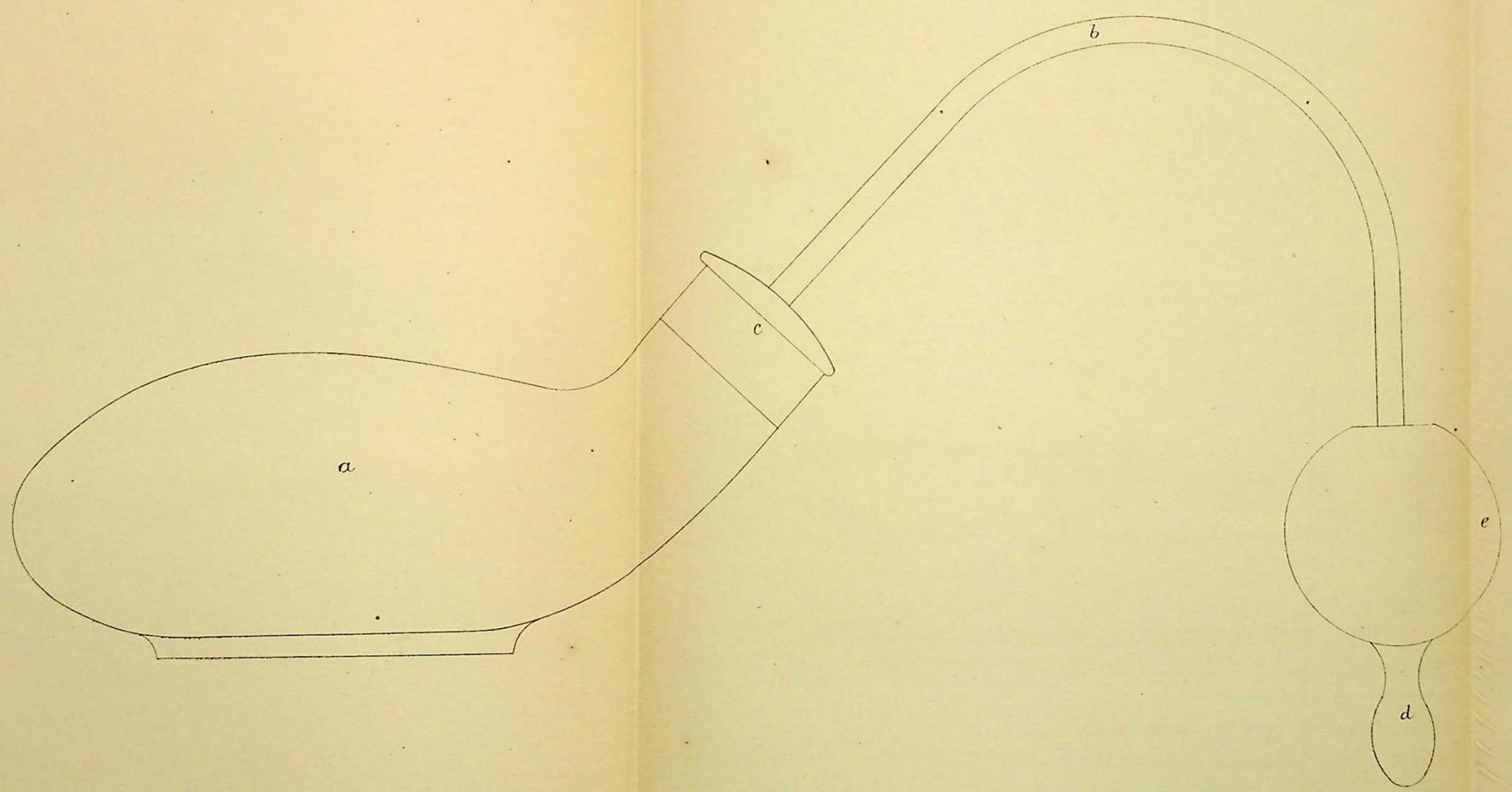
Printers to the Queen's most Excellent Majesty. 1866.

A.D. 1866, May 18, N° 1409,
MORAND'S PROVISIONAL SPECIFICATION.



The drawing left with Provisional Specification is not colored

Drawn on Stone by Malby & Sons.

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MORAND'S SPECIFICATION.

FIG. 1.

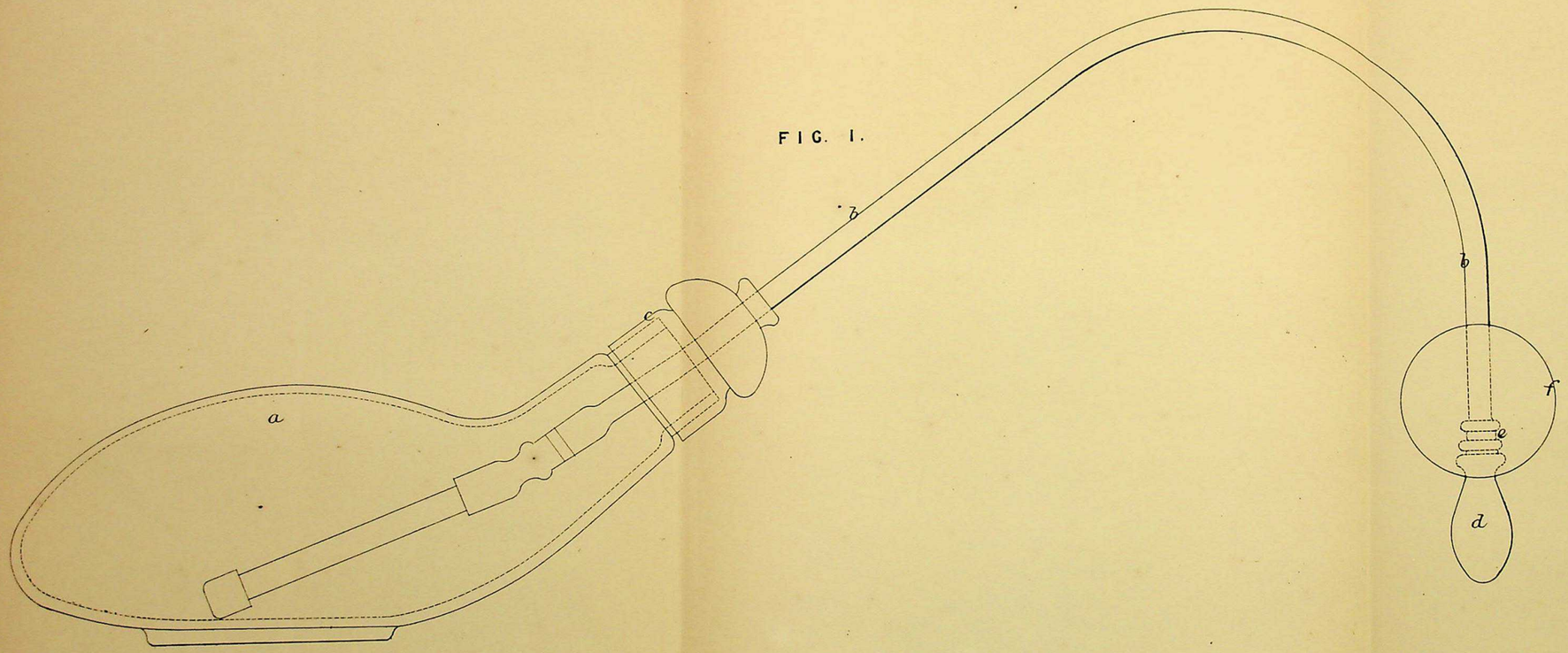
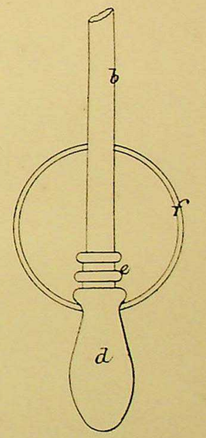
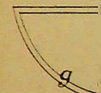


FIG. 2.



F



Draw

The filed drawing is not colored

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LAY 18, N°1409.
SPECIFICATION.

FIG. 1.

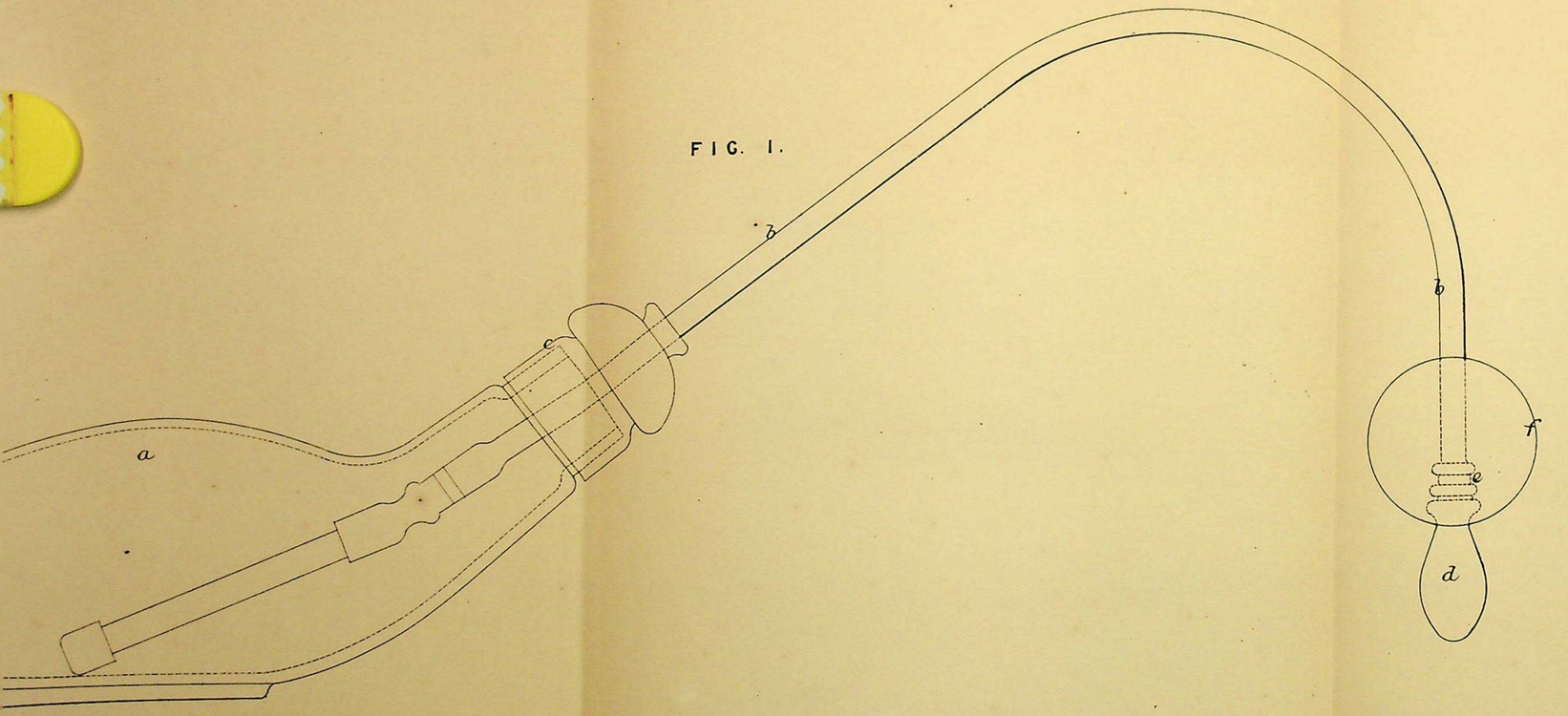


FIG. 2.

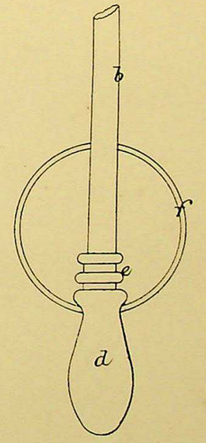
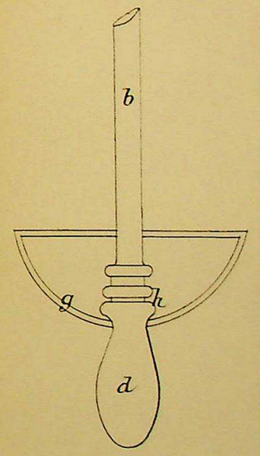


FIG. 3.



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